



Pioneer® brand Maize Silage hybrid trait characteristics for 2020-2021

						NEW		NEW		NEW		NEW				NEW	NEW							
		P7124	P7524	P8000	P8500	P8666	P8805	38V12	P9127	P9400	P9721	P9874	P9911	P0021	P0362	P0640	P0791	P0725	P0891	P0937	P1253	P1613	P1636	P1477W
Yield and maturity	Silage CRM ¹	71	75	80	85	86	88	91	91	94	97	98	99	100	103	106	106	107	107	109	109	111	112	114
	Grain yield for maturity ²	9	9	9	9	9	9	6	9	9	9	9	8	9	9	9	9	9	9	9	9	9	9	9
	Silage yield for maturity ²	9	9	9	9	9	6	6	9	9	6	9	9	6	8	9	7	9	9	8	8	9	9	9
	Adaptability to high population ³	9	9	7	7	6	9	9	7	7	8	9	7	9	9	7	6	7	9	9	8	8	8	9
	Adaptability to low population ⁴ (ear flex)	6	8	7	8	9	5	6	9	9	7	6	9	6	6	9	9	8	6	7	6	6	7	6
Plant traits	Drought tolerance	6	7	6	7	8	8	7	9	7	8	9	9	7	7	7	9	9	8	8	7	7	7	7
	Stalk strength	6	7	6	6	5	6	6	6	7	6	6	5	6	6	6	6	6	8	6	6	7	6	8
	Root strength	6	7	6	6	5	5	8	6	7	5	6	5	7	7	6	5	6	6	7	5	6	8	8
	Early growth ⁵	7	8	7	6	6	6	7	6	7	6	6	6	8	6	7	6	7	6	9	6	6	6	6
	Plant height ⁶	7	8	8	8	8	5	7	7	8	7	6	8	6	7	8	7	7	7	6	6	8	8	7
	Staygreen ⁷	9	7	7	9	8	7	7	7	6	7	7	9	7	8	8	9	8	7	9	8	8	7	8
Silage quality traits	Whole plant digestibility ⁸	8	9	8	7	9	9	6	9	9	8	8	7	7	8	8	8	7	7	7	6	6	6	6
	Starch and sugar ⁹	8	9	8	7	9	9	7	9	9	7	8	6	6	7	7	7	6	7	7	6	6	6	6
Hybrid disease ratings ¹¹	Northern Leaf Blight ¹⁰	5	4	6	5	6	6	6	5	7	6	5	5	7	6	7	5	5	7	7	5	6	5	7
	Common Rust	6	-	6	5	-	7	6	6	6	7	-	5	6	7	7	7	7	6	6	6	7	6	6
	Eyespot ¹⁰	-	-	6	-	-	6	-	7	6	7	-	6	5	7	6	-	7	6	-	5	-	-	7

Plant Populations Recommended established plant populations (000'S/HA) ^{12, 13, 14, 15}

Challenging yield environments	110	110	108	105	100	108	104	95	100	104	95	100	100	95	95	100	95	95	90	95	90	95	90
Medium yield environments	120	115	115	115	110	115	108	108	108	108	110	108	108	105	105	104	104	105	100	105	105	105	105
High yield environments	130	120	120	120	115	120	115	115	115	115	120	115	115	115	110	108	108	110	115	110	110	110	110

Ratings 9 = Outstanding 1 = Poor - = Insufficient data available

NEW = New hybrid NR = Not recommended

For footnotes please refer to page 34